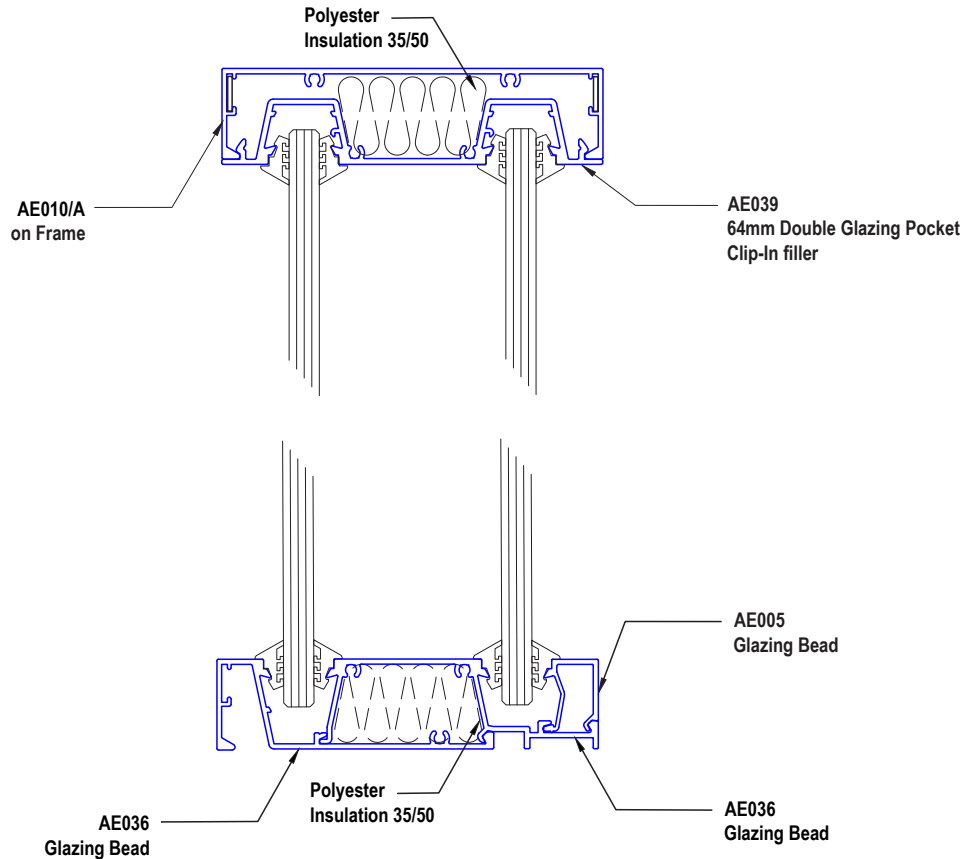




## STC - T&R ECLIPSE ALUMINIUM DOUBLE GLAZING



GLASS DESCRIPTION	RESULT
10mm Toughened, 50mm air space, 10.38mm PVB Laminate	43 STC
10.38mm PVB Laminate, 50mm air space, 11.52mm Antibandit	46 STC
10mm Toughened, 50mm air space, 10.76mm PVBA Laminate	47 STC
10.76mm PVBA Laminate, 50mm air space, 10.38mm PVB Laminate	47 STC
10.76mm PVB Laminate, 50mm air space, 11.52mm Antibandit	48 STC

### NOTES

The general glazing system tested consisted of an aluminium frame in which two sheets of glass were located, each separated by a 50 mm air cavity. This cavity consists of a polyester insulation 35/50 thick, 35kg/m<sup>3</sup> density. The polyester insulation is 50mm thick and 45mm wide such that the absorption fits snug but not tight. Without the polyester we would predict a slight decrease in the STC rating. Different glazing make-ups were used in the same frame. The frame used was T&R Interior System's Eclipse aluminium double glazing partition suite.

If you use mullions as part of a glazed wall we recommend using an acoustic barrier in the mullion.